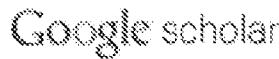


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Sequence-tagged microsatellite profiling (STMP): improved isolation of DNA sequence flanking target SSRs

MJ Hayden, G Good, PJ Sharp - Nucleic Acids Research, 2002 - Oxford Univ Press
... Rationalisation of method In the original STMP procedure (6), the amplification of a target restriction fragment was achieved using a sequence **tag primer** in combination with a **primer** specific to the MseI **adapter** sequence. However ...

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Ligation-mediated PCR of restriction fragments from large DNA molecules.

DR Smith - Genome Research, 1992 - 171.66.122.45
... **tag**, and digested with type IIS enzymes. The samples were then ligated to pre-annealed **adapter-tags**, and subjected to PCR using the **tag** comple- ments and bubble **primer**. Initial experi- ments confirmed that PCR products ...

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[171.66.122.45 \[PDF\]](#)

Sequence-tagged microsatellite profiling (STMP): a rapid technique for developing SSR markers

MJ Hayden, PJ Sharp - Nucleic Acids Research, 2001 - Oxford Univ Press
... 1x PCR buffer, 1.5 mM MgCl₂, 1 U Taq DNA polymerase, 5 pmol sequence **tag primer** (supplemental with ... detection), 2 μl of DNA template (see below) and either 5 pmol MseI **adapter primer** or PCT6 ... The choice of the latter **primer** depended on the type of template DNA used. ...

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Expression profiling using a hexamer-based universal microarray

ME Roth, L Feng, KJ McConnell, PJ Schaffer, CE ... - Nature ..., 2004 - nature.com
... 1x Titanium Taq PCR buffer, 1 mM dNTPs, 25 pmol each of forward (biotinylated) and reverse **primer**, and 0.5 ... The 120 second **adapters** used in this study were selected based on an *in vitro* ligation specificity ... A **tag** comprises the fourteen contiguous bases derived from the cDNA ...

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Inducible protein degradation in *Bacillus subtilis* using heterologous peptide **tags** and **adaptor** proteins to **target** substrates to the protease CipXP

KL Griffith, AD Grossman - Molecular microbiology, 2006 - interscience.wiley.com
... sequence of *ssrA* is somewhat different between *E. coli* (AANDENY) and *C. crescentus* (AAND-NFAEEF) and each **adaptor** can interact with its cognate *ssrA* **tag** in *B. subtilis* (Figs 1–3). (Cc)SspB appears to be specific for the (Cc)*ssrA* and is not capable of **target-** ing proteins ...

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A novel multi-purpose cassette for repeated integrative epitope tagging of genes in *Saccharomyces cerevisiae*

A De Antoni, D Galitzky - Gene, 2000 - Elsevier
... Note that in each **adaptor** the first epitope (MYC, HA or VSV) is different in nucleotide sequence from the following, so that it is possible to design primers that anneal ... 2). **Tag**-Forward=5'-.... ... TCC CAC CAC CAT CAT CAC-3', is a chimeric **primer** composed of 42 ...

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A novel ligation mediated-PCR based strategy for construction of subtraction libraries from limiting amounts of mRNA

S Ghosh - Nucleic acids research, 1996 - Oxford Univ Press
... to generate **target** nucleic acids. During this process, these molecules were tagged at both ends with specific oligonucleotides, so that those molecules remaining after subtraction could be amplified via PCR. The 3' **tag** is the oligo-dT- Xho I **adaptor-primer** (Stratagene cDNA ...

Cited by 6 - Related articles - All 5 versions

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Increasing the efficiency of SAGE **adaptor** ligation by directed ligation chemistry

AP So, RFB Turner, CA Haynes - Nucleic Acids Research, 2004 - Oxford Univ Press
... This **primer** contamination is most probably small, however, as batch purification of biotinylated cDNAs using Qiaex ... critical step in the SAGE protocol, namely the ligation of the SAGE **adaptor** that permits the use of a Type IIS RE to generate a SAGE **tag**, is compromised ...

Cited by 7 - Related articles - All 5 versions

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[HTML] The use of coded PCR primers enables high-throughput sequencing of multiple homolog amplification products by 454 parallel sequencing

J Biniadis, MTP Gilbert, JP Bolteback, F Panitz, C ... - PLoS One, 2007 - pobi.nim.nih.gov
... Furthermore, there is evidence that the second base in the **tag** is also plays an affect ... mentioned previously, we caution however that this analysis is based on a single **primer** set and ... stages of DNA preparation for the GS20 run, DNA is blunt ligated to **adaptor** sequences using ...

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